UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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20575	7590	10/27/2005

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EXAMINER
PHAN, TRI H

ART UNIT	PAPER NUMBER
2661	

DATE MAILED: 10/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

		Application No.	Applicant(s)
Office Action Summary		09/753,360	MA, GENE
		Examiner	Art Unit	
		Tri H. Phan	2661	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *07 July 2005*.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-23* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-23* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

        1.☐ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____.

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment/Arguments

1.   This Office Action is in response to the Response/Amendment filed on July 7th, 2005.

Claims 1-23 are now pending in the application.

Claim Objections

2.   Claims 1, 3-5, 9, 11-15, and 17-23 are objected to because of the following informalities:

Since there are many versions which comply with the "H.450 standard", "H.323

standard" and "GR-1129-CORE standard"; it should be providing the version number and date

for the standardization of the recitations "H.450 standard" in claim 1, lines 7-9; "H.323 standard"

in claim 3, line 4; and "GR-1129-CORE standard" in claim 4, lines 3-4. Same objection reason

for claim 5, line 3; claim 9, line 3; claim 11, line 4; claim 12, lines 15, 19, and 22; claim 13, lines

3-4; claim 14, lines 4 and 7; claim 15, lines 2-3; claim 17, lines 3, 6, 14, and 16; claim 18, lines 3

and 6; claim 19, line 4; claim 20, lines 4, 6, 15, and 17; claim 21, lines 3 and 5; claim 22, line 3;

claim 23, lines 3, 6, 21, and 23.

Appropriate corrections are required.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed
> in the United States before the invention by the applicant for patent or (2) a patent granted on an application for

patent by another filed in the United States before the invention by the applicant for patent, except that an
international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this
subsection of an application filed in the United States only if the international application designated the United
States and was published under Article 21(2) of such treaty in the English language.

4.   Claims 1-3, 7-11, 14-16, 18, 19, 21, and 22 are rejected under 35 U.S.C. 102(e)

as being anticipated by **Glitho et al.** (U.S. Patent 6,614,784 hereinafter refer as '**Glitho**').

Regarding claim 1, Glitho discloses, "telecommunications apparatus between a voice

frame network gatekeeper and an intelligent peripheral, the apparatus comprising: a voice frame

network connection for coupling a gatekeeper to an intelligent peripheral (figure 7B, elements

106B and 412B and figure 1 shows the voice network), and said connection provides

supplemental services messaging between the gatekeeper and the intelligent Peripheral in

accordance with a protocol (col. 9, lines 62-64), said protocol enabling the gatekeeper to

selectively insert one or more messages to the intelligent peripheral and to selectively intercept

one or more messages from the intelligent peripheral (figure 7B, elements 722 and 728)."

Regarding claim 7, Glitho discloses, "the apparatus of claim 1 which further comprises: a

service control point operatively connected to the gatekeeper and to a database (figure 7B,

elements 408, 724, and 726), said service control point providing information contained in said

database to the gatekeeper in response to a query therefrom (col. 9, line 64 through col. 10, line

10 where although cols. 9 and 10 describe the signals in figure 7A, they are the same signals as

in figure 7B and thus the description applies to both figures)."

Regarding claim 8, Glitho discloses, "telecommunications apparatus for coordinating a voice frame network gatekeeper and an interactive voice response unit including a performance mechanism for performing a defined task responsive to the gatekeeper, the apparatus comprising: a voice frame network connection for coupling a gatekeeper to an interactive voice response unit (figure 7B, elements 106B and 412B and figure 1 shows the voice network); an invocation mechanism within the gatekeeper for setting a defined task to the interactive voice response unit via in-band signaling (col. 9, lines 62-64); and a protocol enforcing processor that provides supplemental services messaging between the gatekeeper and the intelligent peripheral over said interface processor (col. 9, lines 62-64 where it is inherent that the terminal and gatekeeper have processors that control the units communication between one another), said enabling the gatekeeper to selectively insert one or more messages to the interactive voice response unit and to selectively intercept one or more messages from the interactive voice response unit (figure 7B, elements 722 and 728)."

Regarding claim 9, Glitho discloses, "the apparatus of claim 8, wherein said invocation mechanism and said performance mechanism comply with International ITU-T H.323 and H.450 standards (col. 5, lines 13-17 and col. 6, lines 52-54 where if the system and terminals support the H.323 and H.450 then all components must conform to the same standards for communication)."

Regarding claims 2 and 10, Glitho discloses the apparatus of claim 1 and the apparatus of

claim 9. Glitho further discloses, "wherein said processor further enables selective insertion of

one or more messages to the gatekeeper (figure 7B, elements 728 and 730)."

Regarding claims 3 and 11, Glitho discloses the apparatus of claim 2 and the apparatus of

claim 10. Glitho further discloses, "wherein such selective insertion of one or more messages to

the gatekeeper includes selective insertion of one or more release complete (RELCOM)

messages in accordance with the International ITU-T H.323 standard (figure 7B, element 730)."

Regarding claims 14, 18, and 21, Glitho discloses, "apparatus for interfacing a voice

frame network gatekeeper and an interactive voice response unit (IVR) configured as an

intelligent peripheral under the International H.450 standard with a service control point (SCP),

the apparatus comprising: means for configuring the gatekeeper as a supplemental services

provider (SSP) under the international H.450 standard (col. 2, lines 35-38 and col. 5, lines 13-17

where if the gatekeeper operates in accordance with a given standard then it must have been

configured at some point in order to do so); means for first conveying requests from the

gatekeeper to the IVR over the voice frame network in accordance with a defined protocol

(figure 7B, element 702), said first conveying means including software instructions resident on

a computer-readable medium and executable by a processor within the gatekeeper (col. 1, lines

57 through col. 2, line 2 where it is inherent in that all computers use software to operate and

thus each component operates using software); means for receiving responses to requests from

the IVR at the gatekeeper over the voice frame network in accordance with a defined protocol

(figure 7B, element 722), said receiving means including software instructions resident on a

computer-readable medium and executable by a processor within the gatekeeper (col. 1, line 57

through col. 2, line 2 where it is inherent in that all computers use software to operate and thus

each component operates using software); and means for selectively intercepting one or more

messages from the IVR and for selectively inserting one or more messages to the IVR (figure

7B, element 722), said selective-intercepting-and-inserting means including software instructions

resident on a computer-readable medium and executable by a processor within the gatekeeper

(col. 1, lines 57 through col. 2, line 2 where it is inherent in that all computers use software to

operate and thus each component operates using software)."

Regarding claims 15, 19, and 22, Glitho discloses the method of claim 14, the computer

program of claim 18, and the apparatus of claim 21. Glitho further discloses, "means for

configuring the IVR as an intelligent peripheral under the International H.450 standard (col. 2,

lines 35-38 and col. 5, lines 13-17 where if the gatekeeper operates in accordance with a given

standard then it must have been configured at some point in order to do so); and means for

second conveying responses to requests from the IVR to the gatekeeper over the voice frame

network in accordance with a defined protocol (figure 7B, element 722), said second conveying

means including software instructions resident on a computer-readable medium and executable

by a processor within the IVR (col. 1, line 57 trough col. 2, line 2 where it is inherent in that all

computers use software to operate and thus each component operates using software)."

Regarding claim 16, Glitho discloses, "the method of claim 14, wherein the gatekeeper

selectively inserts one or more messages to the IVR (figure 7B, elements 728 and 730)."

Claim Rejections - 35 USC § 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

6.   Claims 4 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Glitho et**

al. (U.S.6,614,784) in view of **Blumhardt, Mark S.** (U.S.5,535,263; hereinafter refer as

'Blumhardt').

Regarding claim 4, Glitho discloses the apparatus of claim 1 . However, Glitho lacks

what Blumhardt discloses, "wherein such selective insertion of one or more messages to the

gatekeeper including selectively inserting one or more send-to-resource (STR) messages in

accordance with the GR-1129-CORE standard (figure 2, element 26 where the SSP can act as a

gatekeeper as acknowledged by applicant in the specification, page 3, lines 1-2)." It would have

been obvious to one with ordinary skill in the art at the time of invention to include the STR

messages for the purpose of informing the gatekeeper that it can send further instructions for call

setup. The motivation for having STR messages indicate that it is acceptable to commence with

call setup is to save on network and terminal resources by not trying to setup a connection when

it is not acceptable to do so.

Regarding claim 12, Glitho discloses, "telecommunications apparatus for coordinating a

voice frame network gatekeeper and an interactive voice response unit including a performance

mechanism for performing a defined task responsive to the gatekeeper, the apparatus comprising:

a voice frame network connection for coupling a gatekeeper to an interactive voice response unit

(figure 7B, elements 106B and 412B and figure 1 shows the voice network); an invocation

mechanism within the gatekeeper for setting a defined task to the interactive voice response unit

via in-band signaling (col. 9, lines 62-64); and a protocol enforcing processor that provides

supplemental services messaging between the gatekeeper and the intelligent peripheral over said

interface processor (col. 9, lines 62-64 where it is inherent that the terminal and gatekeeper have

processors that control the units communication between one another), said enabling the

gatekeeper to selectively insert one or more messages to the interactive voice response unit and

to selectively intercept one or more messages from the interactive voice response unit (figure 7B,

elements 722 and 728); wherein said invocation mechanism and said performance mechanism

comply with International ITU-T H.323 and H.450 standards (col. 5, lines 13-17 and col. 6, lines

52-54 where if the system and terminals support the H.323 and H.450 then all components must

conform to the same standards for communication), said processor further enables selective

insertion of one or more messages to the gatekeeper (figure 7B, elements 728 and 730), and such

selective insertion of one or more messages to the gatekeeper includes selective insertion of one

or more release complete (RELCOM) messages in accordance with the International ITU-T

H.323 standard (figure 7B, element 730)..."

However, Glitho lacks what Blumhardt discloses, "such selective insertion of one or more

messages to the gatekeeper including selectively inserting one or more send-to-resource (STR)

messages in accordance with the GR-1129-CORE standard (figure 2, element 26 where the SSP

can act as a gatekeeper using messages in accordance with the GR-1129-CORE standard as

acknowledged by applicant in the specification, page 1, lines 16-21; page 3, lines 1-2)."

It would have been obvious to one with ordinary skill in the art at the time of invention to

include the STR messages for the purpose of informing the gatekeeper that it can send further

instructions for call setup. The motivation for having STR messages indicate that it is acceptable

to commence with call setup is to save on network and terminal resources by not trying to setup a

connection when it is not acceptable to do so.

7.   Claims 5 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Glitho et**

al. (U.S.6,614,784) in view of "Call signalling protocols and media stream packetization for

packet-based multimedia communication systems" (ITU-T series H: Audiovisual and Multimedia

Systems, H.225 11/2000; herein referred to as '**H.225**').

Regarding claim 5, Glitho discloses the apparatus of claim 1. However, Glitho lacks what

H.225 discloses "wherein such selective interception includes selective interception of one or

more facility (FACILITY) messages in accordance with the International ITU-T H.323 standard

(page 47, section 7.4.1 where the routing information provided to the gatekeeper in Glitho is a

FACILITY message as it defines where the message is going)." It would have been obvious to

one with ordinary skill in the art at the time of invention to include the FACILITY message with

the apparatus of claim 1 for the purpose of providing information on where a call (message) should be directed. The motivation being that the routing information must be known in order to complete and maintain a call.

Regarding claim 6, Glitho and H.225 disclose the apparatus of claim 5. However, Glitho lacks what H.225 further discloses, "wherein at least one of the one or more FACILITY messages includes a return results (RETURN RESULTS) component (page 47, section 7.4.1 where the routing information provided to the gatekeeper in Baxley is a FACILITY message as it defines where the message is going, since the routing information is provided to the gatekeeper as in Glitho, it is considered a response or RETURN RESULTS component of a FACILIW message as defined by applicant in the specification, page 6, lines 4-12)." It would have been obvious to one with ordinary skill in the art at the time of invention to include the RETURN RESULTS message with the apparatus of claim 5 for the same reasons and motivation as in claim 5.

8.   Claim 13, 17, 20, and 23 is rejected under 35 U.S.C. 103(a) as being unpatentable over **Glitho et al.** (U.S.6,614,784) in view of **Blumhardt, Mark S.** (U.S.5,535,263), and further in view of "Call signalling protocols and media stream packetization for packet-based multimedia communication systems".

Regarding claim 13, Glitho and Blumhardt disclose the apparatus of claim 12. However, Glitho and Blumhardt lack what H.225 discloses "wherein such selective interception includes

selective interception of one or more facility (FACILITY) messages in accordance with the

International ITU-T H.323 standard (page 47, section 7.4.1 where the routing information

provided to the gatekeeper in Glitho is a FACILITY message as it defines where the message is

going)." It would have been obvious to one with ordinary skill in the art at the time of invention

to include the FACILITY message with the apparatus of claim 12 for the purpose of providing

information on where a call (message) should be directed. The motivation being that the routing

information must be known in order to complete and maintain a call.

Regarding claims 17, 20, and 23, Glitho discloses "apparatus for interfacing a voice

frame network gatekeeper and an interactive voice response unit (IVR) configured as an

intelligent peripheral under the International H.450 standard with a service control point (SCP),

the apparatus comprising: means for configuring the gatekeeper as a supplemental services

provider (SSP) under the international H.450 standard (col. 2, lines 35-38 and col. 5, lines 13-17

where if the gatekeeper operates in accordance with a given standard then it must have been

configured at some point in order to do so); means for first conveying requests from the

gatekeeper to the IVR over the voice frame network in accordance with a defined protocol

(figure 7B, element 702), said first conveying means including software instructions resident on

a computer-readable medium and executable by a processor within the gatekeeper (col. 1, line 57

through col. 2, line 2 where it is inherent in that all computers use software to operate and thus

each component operates using software); means for receiving responses to requests from the

IVR at the gatekeeper over the voice frame network in accordance with a defined protocol

(figure 7B, element 722), said receiving means including software instructions resident on a

computer-readable medium and executable by a processor within the gatekeeper (col. 1, line 57

through col. 2, line 2 where it is inherent in that all computers use software to operate and thus

each component operates using software); and means for selectively intercepting one or more

messages from the IVR and for selectively inserting one or more messages to the IVR (figure

7B, element 722), said selective-intercepting-and-inserting means including software instructions

resident on a computer-readable medium and executable by a processor within the gatekeeper

(col. 1, line 57 through col. 2, line 2 where it is inherent in that all computers use software to

operate and thus each component operates using software)..."

However, Glitho lacks what Blumhardt discloses, "wherein said means for selectively

inserting includes means for selectively inserting one or more send-to-resource (STR) messages

in accordance with the GIL-1129-CORE standard (figure 2, element 26 where the SSP can act as

a gatekeeper as acknowledged by applicant in the specification, page 3, lines 1-2)." It would have

been obvious to one with ordinary skill in the ad at the time of invention to include the STR

messages for the purpose of informing the gatekeeper that it can send further instructions for call

setup.

Response to Amendment/Arguments

9.   Applicant's arguments filed on July 7th, 2005 have been fully considered but they are not

persuasive.

Applicant mainly argues that **Glitho** fails to disclose "... *said protocol enabling the*

gatekeeper to operate as a supplemental service provider ..." in claim 1; "... *configuring the*

gatekeeper as a supplemental services provider SSP under International H.450 standard ..." in

claim 14; "... *instruction for configuring the gatekeeper as a supplemental services provider SSP under International H.450 standard ...*" in claim 18; and "... *means for configuring the gatekeeper as a supplemental services provider SSP under International H.450 standard ...*" in claim 21. Examiner respectfully disagrees. **Glitho** does disclose in figs. 5-7B, about the distributed functional plane for providing software functions ("*instructions*") for advanced services mapped onto the service node, e.g. "... *gatekeeper as a supplemental services provider SSP under International H.450 standard ...*", via signaling (see figure 5; col. 8, line 56 through col. 9, line 23) using the *H.450.X messaging in the H.323/H450 framework* (see col. 8, lines 7-41). Therefore, examiner concludes that **Glitho** teaches the arguable features.

Applicant argues that **Glitho** fails to disclose about the "... *protocol enforcing processor that provides supplemental services messaging between the gatekeeper and the intelligent peripheral ...*" in claim 8. Examiner respectfully disagrees. It is inherent that the terminal and gatekeeper have processors for controlling the units communication between one another as disclosed in col. 9, lines 62-64; or performing functions as described in fig. 5; col. 8, line 56 through col. 9, line 23; i.e. "*processor that provides supplemental services messaging between the gatekeeper and the intelligent peripheral ...*". Therefore, examiner concludes that **Glitho** teaches the arguable features.

Applicant argues that the combination of **Glitho** and **Blumhardt** fails to disclose about the "... *selective insertion of one or more messages to the interactive voice response unit including selective insertion of one or more send-to-resource 'STR' messages in accordance with the GR-1129-CORE standard.*" in claims 12 and 4. Examiner respectfully disagrees. **Glitho** does disclose in details of figs. 6-7B, about the insertion messages to the gatekeeper 106B and to the

intelligent terminal 412B through the use of the call re-routing request/answer '708/710' and

release complete '712' (see figures 7A-B); but fails to explicitly disclose about the *"send-to-*

resource 'STR' message in accordance with the GR-1129-CORE standard". **Blumhardt**

discloses about the 'send-to-resource' message (see figure 2, element 26) and where the

messages are performed in accordance with the GR-1129-CORE standard as acknowledged by

the applicant in the specification, page 1, lines 16-21; page 3, lines 1-2; i.e. *"send-to-resource*

'STR' message in accordance with the GR-1129-CORE standard". Therefore, it would have been

obvious to one with ordinary skill in the art at the time of invention to include the STR messages

for the purpose of informing the gatekeeper that it can send further instructions for call setup;

with the motivation for having STR messages indicate that it is acceptable to commence with

call setup is to save on network and terminal resources by not trying to setup a connection when

it is not acceptable to do so. Thus, examiner concludes that the combination of **Glitho** and

Blumhardt teaches the arguable features.

Applicant argues that the combination of **Glitho** and "Call signalling protocols and media

stream packetization for packet-based multimedia communication systems" ITU-T series H,

hereinafter refer as '**H.225**', fails to disclose about the *"... selective interception includes*

selective interception of one or more facility 'FACILITY' messages in accordance with the

International ITU-T H.323 standard." in claims 5-6 and 13. Examiner respectfully disagrees.

Glitho does disclose about the use of the facility request/reply messages provided in the specific

call diversion service in the conventional H.323 network as described in figures 3, 7A-B; col. 7,

lines 19-46; wherein the **H.225** teaches about the messages in accordance with the International

ITU-T H.323 standard (see page 47, section 7.4.1). Therefore, examiner concludes that the

combination of **Glitho** and H.225 teaches the arguable features.

Applicant argues that the combination of **Glitho, Blumhardt** and '**H.225**', fails to

disclose about the "...*configuring the gatekeeper as a supplemental services provider 'SSP'*

under International H.450 standard; ...wherein the gatekeeper selectively intercepts one or more

messages from the IVR, the gatekeeper selectively inserts one or more messages to the IVR, and

such selective interception includes selective interception of one or more facility (FACILITY)

messages in accordance with the International ITU-T H.323 standard, and wherein such

selective insertion includes selective insertion of one or more send-to-resource (STR) messages

in accordance with the GR-1129-CORE standard." in claim 17. Examiner respectfully disagrees.

As discussed in the above arguments in claims 5-6, 12, and 14, examiner concludes that **Glitho**

teaches the arguable features.

Applicant argues that the combination of **Glitho, Blumhardt** and '**H.225**', fails to

disclose about the "...*instructions for configuring the gatekeeper as a supplemental services*

provider 'SSP' under International H.450 standard;...instructions ...for selectively inserting one

or more messages to the 1VR, ...wherein said instructions for selectively inserting includes

instructions for selectively inserting one or more send-to-resource 'STR' messages in

accordance with the GR-1129-CORE standard." in claim 20. Examiner respectfully disagrees.

As discussed in the above arguments in claims 4, 12 and 18, examiner concludes that **Glitho**

teaches the arguable features.

Applicant argues that the combination of **Glitho, Blumhardt** and '**H.225**', fails to

disclose about the "... *means for configuring the gatekeeper as a supplemental services provider*

'SSP' under the International H.450 standard; ... means ... for selectively inserting one or more

messages to the IVR. ...and wherein said means for selectively inserting includes means for

selectively inserting one or more send-to-resource 'STR' messages in accordance with the GR

1129-CORE standard." in claim 23. Examiner respectfully disagrees. As discussed in the above

arguments in claims 4, 12 and 21, examiner concludes that **Glitho** teaches the arguable features.

Claims 2-3, 7, 9-11, 15-16, 19, and 22 are rejected as in Part 4 above of this Office action

and by virtue of their dependence from claims 1, 8, 14, 18, and 21.

Conclusion

10.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

Ma et al. (U.S.6,868,090), **Klaghofer et al.** (U.S.6,466,662) and **Tuunanen**

(U.S.6,947,541 and U.S.6,816,586) are all cited to show devices and methods for improving the

advanced intelligent network supplemental services in the telecommunication architectures,

which are considered pertinent to the claimed invention.

Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is

reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the date of this

final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Tri H. Phan, whose telephone number is (571) 272-3074. The

examiner can normally be reached on M-F (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Chau T. Nguyen can be reached on (571) 272-3126.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(571) 273-8300

Hand-delivered responses should be brought to Randolph Building, 401 Dulany Street,

Alexandria, VA 22314.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the Technology Center 2600 Customer Service Office, whose telephone
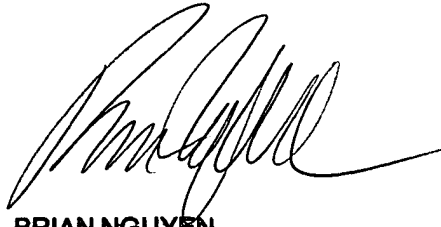
number is (571) 272-2600.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

BRIAN NGUYEN
PRIMARY EXAMINER

Tri H. Phan
October 25, 2005